

C-

C. FRANCIS JENKINS



Published  
4-26-96

# PHANTOSCOPE.



C-

C. FRANCIS JENKINS



THE  
JENKINS & &  
PHANTOSCOPE

C. FRANCIS JENKINS,  
1326 F STREET NINETHWEST,  
WASHINGTON, D. C.

C-

C. FRANCIS JENKINS



131 CONNEXCTICUT AVENUE,  
WASHINGTON D. C.

April 24, 1896.

Mr. C. FRANCIS JENKINS,

MY DEAR SIR:

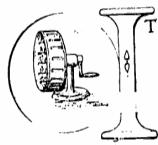
I must thank you for the opportunity you have afforded me of seeing your Phantoscope in operation.

The simple and ingenious mechanism by which you have secured an intermittent motion of the photographic film has enabled you to employ a continuous light of great intensity and I must congratulate you upon your success in throwing upon the screen life-sized moving photographs with such remarkable fidelity-to-nature.

Wishing you every success, I am, my dear sir,

Yours sincerely,

ALEXANDER GRAHAM BELL.



#### T'S THE PHANTOSCOPE.

"The long-promised machine has appeared — a stereopticon which projects pictures, life-sized and in life-like action.

#### Its . Inception.

"Ever since the invention of the zoetrope, it has been the ambition of inventors to make an instrument which would project pictures upon a large screen in such manner as to give the sense of objects in continuous motion — pictures absolutely true to life in every feature and gesture — and as far back as 1869 a patent was issued by the United States Patent Office for an instrument of this character. The device proved to be unsuccessful, however, as have all instruments patented since.

#### The . Inventor

"It remained for Mr. C. Francis Jenkins, of Washington, D. C., to invent and perfect, after years of experiment, an instrument to accomplish that which has baffled the best efforts of other inventors of this class of instruments, among whom are Muybridge, Marić, Anschütz, Edison, and other equally prominent men.

#### .Fully. Illuminated

"The Phantoscope produces pictures far more realistic than can possibly be imagined — life-sized and magnificently illuminated — the full value of the electric arc is secured, the light therefrom never being cut off for a single instant from the time the entertainment begins to its close.

**Second to\*****\*no Invention**

"The Phantoscope certainly stands foremost among the creations of modern inventive genius and promises to be a greater marvel and to bring in larger cash returns to exhibitors than any other stereopticon apparatus in existence."

**No.\*****Flickering**

Wavering or flickering, so trying to the eyes, is absolutely avoided; the instrument is self-contained, the only additional requisite to a perfect exhibit being a screen, or wall with a free white surface of the desired dimensions.

**Batteries.\*****\*not Required**

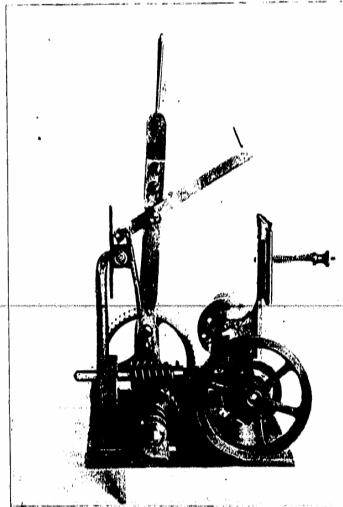
For the smaller pictures the machine is equipped with an incandescent lamp of special construction; for the illumination of the larger canvas a Colp's arc lamp is employed. No heavy storage batteries are required.

**Size of.\*****\*Picture**

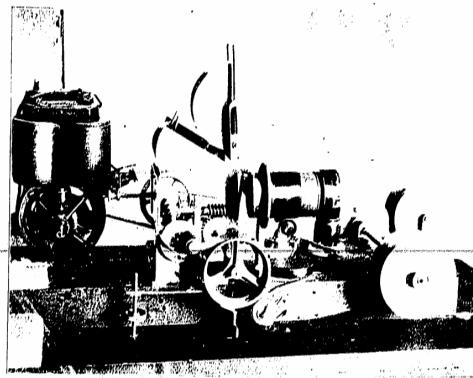
Pictures 12 feet square can be made at 18 feet distance. In fact, pictures from 18 inches to 18 feet square may be made with equal distinctness and simplicity; and these pictures may be projected for any required distance, near or far -- over the heads of a large audience, where desired. During the exhibition of this instrument at the Cotton States and International Exposition held at Atlanta, in 1895, pictures 16 feet square were projected on a screen 92 feet distant. The Phantoscope obeys the same laws governing other stereopticon apparatus.

**Weight of.\*****\*the Instrument**

The smaller instrument, which is adapted to a canvas not exceeding 6 or 8 feet square, is a particularly pretty instrument, weighing about 50 pounds; is incased in a neat box, and when removed and placed upon a table is ready-to-be put in operation simply by screwing the plug attached to the cord into an ordinary incandescent electric lamp socket.



THREAD FEEDING MECHANISM



MACHINE "THREADED."

Uses an  
Electric Arc

The arc lamp Phantoscope is scarcely heavier than the smaller instrument, but requires a correspondingly larger current—from 15 to 25 amperes. Where desired the machines are fitted with an automatic device which permits the use of an endless tape which may be run as long as required.

Kinetoscope  
Pictures

And last, but by no means least among its many good qualities, *the Phantoscope will project Edison kinetoscope pictures*; an item not to be overlooked, where kinetoscope exhibitors, contemplating the purchase of a Phantoscope, are already supplied with Edison films.

Price F. O. B.  
Washington

The Phantoscope is sold outright for \$200 and \$250, for the incandescent and the arc light instruments, respectively.

Admission

Fee

Where the Phantoscope is intended for use in a small room, a ten-cent admission fee may be charged and the audience furnished with a two or three-subject exhibition. A 6 or 8-foot canvas is used.

A Better  
Fee

Where the arc light Phantoscope is purchased, a larger hall may be rented and a canvas from 10 feet up employed. An admission fee of 25 or 50 cents, as judgment and experience may determine, is then charged. The exhibition consisting of an 8, 9, 10 or 12-subject exhibit. Each series of subjects can be changed as often as desired. With a 1½-minute subject, and a 12-subject exhibit, two changes would give an hour's entertainment; about one or two minutes only being required for the substitution.

#### Chromatic\* Effects

During the interim, to entertain the audience, colored lights--chromatic effects--can be projected

#### Enchanted Pictures

An exceedingly pretty and very fascinating effect is secured by projecting the Phantoscope pictures upon the white circle inside these chromatic rings.

#### Colored\* Pictures

The beautiful effects seen upon the public stage of a girl dancing in colored lights is reproduced with charming results, making, probably, the most gorgeous exhibit of the entire evening.

#### Graphophone Phonograph Gramophone

Where desired, the Phantoscope will be fitted with an attachment for the synchronous operation of the phonograph or gramophone; or, when so requested, each Phantoscope will be fitted to operate synchronously the Columbia Phonograph Company's splendid graphophone.



**Press Notices.**

"Mr. Jenkins, with his latest invention, the Phantoscope, reproduced pictures in motion which were simply wonderful."  
—*The Telegram* (Richmond, Ind., June 6, 1891).

"It is unquestionably the most wonderful exhibit on the [Exposition] grounds." —*The Journal* (Atlanta, Ga., September 28, 1895).

"The operation of the Phantoscope itself is silent and almost mysterious. Without other warning than a soft whirr in the darkness a figure leaps out into the lighted space. The screen used last night was twenty-feet square."  
—*The Sun* (Baltimore, Md., October 2, 1895).

"'Wonderful' does n't seem to express even the faintest idea of the qualities of the machine." —*The Pantomime* (Richmond, Ind., October 30, 1895).

"With this machine Mr. Jenkins succeeded in reproducing, in 'life' size, on the screen the movements and actions of dancers, gymnasts, etc., with remarkable fidelity to nature."  
—*Franklin Institute Journal* (Philadelphia, Dec. 18, 1895).



Prices,~~etc.~~

Complete machine, arc, automatic,	\$300.00
" " " hand feed	250.00
" " incandescent	200.00
Arc lamp, automatic	60.00
" " hand feed	30.00
Incandescent lamp	5.00
Resistance, fixed	10.00
" variable	15.00
Film spools, brackets, etc., complete	25.00
Film tank, spools and support, complete	20.00
Condenser, complete	15.00
Condenser lens, single	3.00
Objective, Size A	.50
" " B	.75
" " C	.15.00
" " D	10.00
Alum cell	5.00
Motor	20.00
Main-line switch	2.50
Color screens, plain, each	1.00
Carbons, per dozen	1.00
Films (according to subject), minimum	15.00

C-

C. FRANCIS JENKINS



H. L. McQUEEN, PRINTER  
100 E. STREET N. W., WASHINGTON, D. C.  
4160-100